

ABSTRACT OF THE DISCLOSURE

A method is provided for measuring an absolute steering angle Φ of a steering shaft for a vehicle, using a first rotatable body that rotates together with the steering shaft of the vehicle at a predetermined rotation ratio. The method includes obtaining a Ψ_M' value by measuring a relative rotational angle Ψ' of the first rotatable body using an angle sensor having a measurement range of Ω . The method also includes obtaining a present value for a frequency i-value of the first rotatable body by comparing the present Ψ_M' value to a previous Ψ_M' value. The method also includes obtaining a present value for a absolute steering angle Φ_1 of the steering shaft from a present value for an absolute rotational angle Ψ of the first rotatable body by using the Ψ_M' value and the present i-value.